

AMENDMENTS TO THE SPECIFICATION:

Please add the following centered heading on page 1, line 4:

TECHNICAL FIELD

Please add the following centered heading on page 1, line 11:

BACKGROUND

Please add the following centered heading on page 3, line 12:

SUMMARY

Please add the following centered heading on page 8, line 3:

DESCRIPTION OF THE DRAWINGS

Please add the following centered heading on page 8, line 7:

DETAILED DESCRIPTION

Please replace the Abstract on page 20 with the following new Abstract:

A controller includes a control circuit. The control circuit includes a forward path that includes an input and an output, a feedback path coupled to the output and to the input, and a sensor that is in the forward path between the input and the output. The sensor generates a sensor signal based on an input signal applied to the input. The forward path generates an output signal based on the sensor signal. The output signal is sent along the

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Serial No. : Not Yet Assigned
Filed : Herewith
Page : 3

Attorney's Docket No.: 14603-013US1
Client's Ref.: P2002,0800USN

feedback path to the input of the forward path. The controller also includes a detector that obtains an intermediate signal from the forward path between the input and the output. The detector generates a control signal using the intermediate signal. The forward path includes a control device that limits the output signal to a predetermined value. The detector controls the control device using the control signal.

Please delete the phrase "Figure 1" on page 20, line 13.